IN THE UNITED STATES PATENT AND TRADEMARK OFFICE PATENT EXAMINING OPERATION

In re Application of:

Schlumberger

Technology Corporation

8) 11-**F** 11-11

Serial No.: 10/081,090

Filed:

February 22, 2002

For:

METHOD AND APPARATUS

FOR DETECTING FRACTURES USING

FREQUENCY DATA DERIVED

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Examiner:

V. Taylor

Group Art Unit:

2863

MAIL STOP RCE COMMISSIONER FOR PATENTS P. O. BOX 1450 ALEXANDRIA, VA 22313-1450

CERTIFICATE OF MAILING (37 CFR 1.8a)

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date indicated below with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents,

D.O. Box 1400, Alexandria VA/223/13-1

Mark R. Wisner, Registration No. 30,603

March 12. 2004

Date of Signature

SECOND PRELIMINARY AMENDMENT

Dear Sir:

A Request for Continued Examination is being filed concurrently with this Second Preliminary Amendment, and it is respectfully requested that the following amendments be entered before examination of the captioned continued examination application.